

First Hit**End of Result Set**

L1: Entry 1 of 1

File: PGPB

Feb 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040022871
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040022871 A1

TITLE: Halogenated composition, method for preparing same and uses thereof

PUBLICATION-DATE: February 5, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|--------------------|---------|-------|---------|
| Mainnemare, Arnaud | Neville | | FR |

APPL-NO: 10/622262 [PALM]
DATE FILED: July 18, 2003

RELATED-US-APPL-DATA:

Application 10/622262 is a continuation-of US application PCT/FR02/00151, filed January 16, 2002, UNKNOWN

FOREIGN-APPL-PRIORITY-DATA:

| COUNTRY | APPL-NO | DOC-ID | APPL-DATE |
|---------|----------|-----------------|------------------|
| FR | 01/00862 | 2001FR-01/00862 | January 23, 2001 |

INT-CL-PUBLISHED: [07] A61K 33/14, A61K 31/185

INT-CL-CURRENT:

| TYPE | IPC | DATE |
|------|---------------------|----------|
| CIPS | <u>A61 K 45/00</u> | 20060101 |
| CIPS | <u>A61 K 45/06</u> | 20060101 |
| CIPS | <u>A61 K 31/185</u> | 20060101 |
| CIPS | <u>A61 K 33/00</u> | 20060101 |
| CIPS | <u>A61 K 33/18</u> | 20060101 |

US-CL-PUBLISHED: 424/661; 514/553

US-CL-CURRENT: 424/661; 514/553

ABSTRACT:

The invention concerns pharmaceutical composition including (i) at least a halogenated compound and (ii) at least N-halogenated derivative of at least a compound selected from zwitterionic compounds and/or amino acids. The halogenated compound is advantageously an alkaline metal hypochlorite, and preferably sodium hypochlorite, and N-halogenated derivative is preferably an N-halogenated taurine derivative and particularly a taurine N-haloamine derivative and even more preferably taurine N-chloramine. The invention also concerns the preparation of the

compositions and their uses as very large spectrum antiseptic, anti-inflammatory agent and as immunity modulator, without stimulating myeloperoxidase activity.

Appt cand

L5 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2007 ACS on STN
RN 51036-13-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN Ethanesulfonic acid, 2-(chloroamino)- (CA INDEX NAME)
OTHER NAMES:
CN N-Chlorotaurine
CN Taurine chloramine
DR 123173-39-7
MF C2 H6 Cl N O3 S
CI COM
LC STN Files: AGRICOLA, BEILSTEIN*, BIOSIS, CA, CAPLUS, CBNB, IFICDB,
IFIPAT, IFIUDB, IMSDRUGNEWS, IMSRESEARCH, IPA, MEDLINE, TOXCENTER,
USPATFULL, USPATOLD
(*File contains numerically searchable property data)

ClNH-CH₂-CH₂-SO₃H

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

177 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
177 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2007 ACS on STN
RN 14380-61-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN Hypochlorite (8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN Chlorine oxide (ClO1-)
CN Hypochlorite anion
CN Hypochlorite ion
CN Hypochlorous acid, ion(1-)
DR 12590-98-6
MF Cl O
CI COM
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BIOSIS, BIOTECHNO, CA, CAPLUS,
CASREACT, CHEMINFORMRX, CHEMLIST, CIN, CSNB, EMBASE, GMELIN*, IFICDB,
IFIPAT, IFIUDB, PIRA, PROMT, TOXCENTER, TULSA, USPAT2, USPATFULL,
USPATOLD
(*File contains numerically searchable property data)

Cl-O-

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2326 REFERENCES IN FILE CA (1907 TO DATE)
44 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2328 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2007 ACS on STN
RN 9003-99-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN Peroxidase (CA INDEX NAME)
OTHER NAMES:
CN Baylase RP
CN Biobake soy
CN Biobake Wheat

CN Catalase peroxidase
 CN Coniferyl alcohol peroxidase
 CN E.C. 1.11.1.7
 CN Enzydon OL 50
 CN Eosinophil peroxidase
 CN Extensin peroxidase
 CN Guaiacol peroxidase
 CN Guaiacolase
 CN Heme peroxidase
 CN HRP 77333
 CN Lactoperoxidase
 CN Manganese-dependent peroxidase
 CN Mn-dependent peroxidase
 CN MPO
 CN Myeloperoxidase
 CN Novozym 502
 CN Novozym 51004
 CN NS 51004
 CN Oxyperoxidase
 CN PEO-131
 CN Peroxidase 51004
 CN Protoheme peroxidase
 CN Pyrocatechol peroxidase
 CN Pyrogallol peroxidase
 CN Quinol peroxidase
 CN Scavengase p20
 CN Scopoletin peroxidase
 CN SP 502
 CN Thiocyanate peroxidase
 CN Thiol peroxidase
 CN Verdoperoxidase
 DR 9013-92-7, 9039-19-4, 191289-36-8
 MF Unspecified
 CI COM, MAN
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOSIS, BIOTECHNO, CA, CABA,
 CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM,
 CSNB, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE,
 MSDS-OHS, NAPRALERT, PIRA, PROMT, TOXCENTER, ULIDAT, USPAT2, USPATFULL,
 USPATOLD
 Other Sources: EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

44438 REFERENCES IN FILE CA (1907 TO DATE)
 2845 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 44644 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 7681-52-9 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Hypochlorous acid, sodium salt (1:1) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Hypochlorous acid, sodium salt (8CI, 9CI)
 OTHER NAMES:
 CN ActiPlus N 2818
 CN AD Gel
 CN AgClor 310
 CN Antiformin
 CN Aron Clean
 CN B-K Liquid
 CN Belizna

CN Belkina
 CN Carrel-Dakin solution
 CN Chloros
 CN Cloralex
 CN Clorox
 CN Comfor
 CN Dakin's solution
 CN Deosan
 CN Dispatch
 CN Dispatch (salt)
 CN Fox-Chlor
 CN Hishikurin S
 CN Hyclorite
 CN Hypure
 CN Hypure N
 CN Javel water
 CN Javelle water
 CN Javex
 CN Klorocin
 CN Linely
 CN Milton
 CN Modified Dakin's solution
 CN Neo-cleaner
 CN Neoseptal CL
 CN Parazone
 CN Parozone
 CN Purelox
 CN Purin B
 CN Sodium chloride oxide (NaClO)
 CN Sodium hypochloride
 CN Sodium hypochlorite
 CN Sodium hypochlorite (NaClO)
 CN Sodium hypochlorite (NaOCl)
 CN Sodium oxychloride
 CN Solutions, Dakin's
 CN Sunnysol 150
 CN Super White L
 CN Tsurukuron
 CN XY 12
 CN Youxiaolin
 DR 8007-59-8, 56172-57-7, 102324-78-7, 227453-69-2
 MF Cl H O . Na
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOSIS, BIOTECHNO, CA,
 CABA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN,
 CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2,
 ENCOMPPAT, ENCOMPPAT2, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA,
 MEDLINE, MRCK*, MSDS-OHS, PIRA, PROMT, PS, RTECS*, TOXCENTER, TULSA,
 ULIDAT, USAN, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 CRN (7790-92-3)

Cl-OH

● Na

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

12320 REFERENCES IN FILE CA (1907 TO DATE)
84 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
12375 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2007 ACS on STN

RN 107-35-7 REGISTRY

ED Entered STN: 16 Nov 1984

CN Ethanesulfonic acid, 2-amino- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Taurine (8CI)

OTHER NAMES:

CN β -Aminoethylsulfonic acid

CN 1-Aminoethane-2-sulfonic acid

CN 2-Aminoethanesulfonic acid

CN 2-Aminoethansulfonic acid

CN 2-Aminoethylsulfonic acid

CN 2-Sulfoethylamine

CN NSC 32428

CN O-Due

CN Taufon

CN Taukard

CN Tauphon

DR 91105-79-2

MF C2 H7 N O3 S

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, GMELIN*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PATDPASPC, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL, USPATOLD, VETU

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)

$\text{H}_2\text{N}-\text{CH}_2-\text{CH}_2-\text{SO}_3\text{H}$

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

14110 REFERENCES IN FILE CA (1907 TO DATE)

765 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

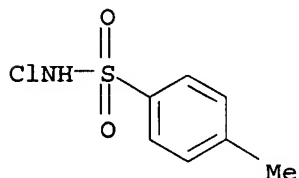
14146 REFERENCES IN FILE CAPLUS (1907 TO DATE)

5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=>

prior art

L8 ANSWER 1 OF 17 REGISTRY COPYRIGHT 2007 ACS on STN
RN 42600-29-3 REGISTRY
ED Entered STN: 16 Nov 1984
CN Benzenesulfonamide, N-chloro-4-methyl-, hydrochloride (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Chloramine-T hydrochloride
MF C7 H8 Cl N O2 S . Cl H
LC STN Files: BIOTECHNO, CA, CAPLUS, EMBASE
CRN (144-86-5)



● HCl

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 2 OF 17 REGISTRY COPYRIGHT 2007 ACS on STN
RN 11096-42-7 REGISTRY
ED Entered STN: 16 Nov 1984
CN Poly(oxy-1,2-ethanediyl), α -(nonylphenyl)- ω -hydroxy-, compd. with iodine (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Iodine, compd. with α -(nonylphenyl)- ω -hydroxypoly(oxy-1,2-ethanediyl) (9CI)

OTHER NAMES:

CN (Nonylphenoxy)poly(ethyleneoxy)ethanol iodine
CN (Nonylphenoxy)poly(oxyethylene)ethanol-iodine complex
CN (Nonylphenoxy)polyethanol-iodine complex
CN Antarox VRO 20
CN BacStop
CN Biopal CVL 10
CN Biopal VRO 20
CN Byacin
CN FS 103II
CN Iodine-polyethylene glycol mono(nonylphenyl) ether complex
CN Iosan
CN Iozan
CN Josan
CN Lorasol CCT
CN Nonylphenyl ether polyethylene glycol iodine complex
CN Polyoxyethylene nonylphenyl ether iodine compound
DR 8037-88-5, 9006-35-3, 9006-36-4, 1338-68-7, 105095-12-3, 37281-59-7, 80497-35-4, 52769-59-2
MF (C₂ H₄ O)_n C₁₅ H₂₄ O . x I₂
CI COM
PCT Polyether
LC STN Files: AGRICOLA, BIOSIS, BIOTECHNO, CA, CAPLUS, CHEMLIST, CIN, EMBASE, IFICDB, IFIPAT, IFIUDB, MEDLINE, PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL, USPATOLD
(*File contains numerically searchable property data)
Other Sources: DSL**, TSCA**

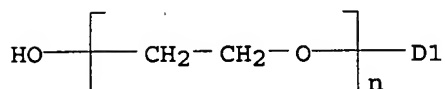
(**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 9016-45-9

CMF (C2 H4 O)_n C15 H24 O

CCI IDS, PMS



D1-(CH₂)₈-Me

CM 2

CRN 7553-56-2

CMF I2

I-I

78 REFERENCES IN FILE CA (1907 TO DATE)

3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

78 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 3 OF 17 REGISTRY COPYRIGHT 2007 ACS on STN

RN 8065-77-8 REGISTRY

ED Entered STN: 16 Nov 1984

CN Ethaneperoxoic acid, mixt. with acetic acid (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Acetic acid, mixt. contg. (9CI)

OTHER NAMES:

CN TOYO-aktiv

CN Wofasteril

CN Wofasteril E 400

MF C2 H4 O3 . C2 H4 O2

CI MXS

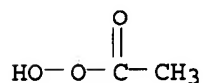
LC STN Files: AGRICOLA, ANABSTR, BIOSIS, BIOTECHNO, CA, CAPLUS, EMBASE, IPA, MEDLINE, RTECS*, TOXCENTER, USPATFULL

(*File contains numerically searchable property data)

CM 1

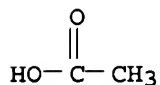
CRN 79-21-0

CMF C2 H4 O3



CM 2

CRN 64-19-7
CMF C2 H4 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

44 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
44 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 4 OF 17 REGISTRY COPYRIGHT 2007 ACS on STN
RN 8050-84-8 REGISTRY
ED Entered STN: 16 Nov 1984
CN Wescodyne (8CI, 9CI) (CA INDEX NAME)
ENTE An iodophor disinfectant (West Chemical)
MF Unspecified
CI MAN
LC STN Files: AGRICOLA, AQUIRE, BIOSIS, BIOTECHNO, CA, CAPLUS, EMBASE,
MEDLINE, TOXCENTER, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

40 REFERENCES IN FILE CA (1907 TO DATE)
40 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 5 OF 17 REGISTRY COPYRIGHT 2007 ACS on STN
RN 8038-05-9 REGISTRY
ED Entered STN: 16 Nov 1984
CN Kleenodyne (8CI) (CA INDEX NAME)
MF Unspecified
CI MAN
LC STN Files: BIOTECHNO, EMBASE

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L8 ANSWER 6 OF 17 REGISTRY COPYRIGHT 2007 ACS on STN
RN 8037-86-3 REGISTRY
ED Entered STN: 16 Nov 1984
CN Iobac (9CI) (CA INDEX NAME)
DR 12737-80-3
ENTE An iodophor. Indexed also at Iodophors
MF Unspecified
CI MAN
LC STN Files: BIOTECHNO, CA, CAPLUS, EMBASE, TOXCENTER

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

15 REFERENCES IN FILE CA (1907 TO DATE)
15 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 7 OF 17 REGISTRY COPYRIGHT 2007 ACS on STN
RN 7722-84-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN Hydrogen peroxide (H2O2) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Hydrogen peroxide (8CI)
OTHER NAMES:

CN Adeka Super EL
 CN Albone
 CN Albone 35
 CN Albone DS
 CN Anti-Keim 50
 CN Asepticper
 CN Baquashock
 CN CIX
 CN Clarigel Gold
 CN Crest whitestrips
 CN Crestal Whitestrips
 CN Crystacide
 CN Dentasept
 CN Deslime LP
 CN Hioxyl
 CN Hipox
 CN Hybrite
 CN Hydrogen dioxide
 CN Inhibine
 CN Interrox ST 50
 CN Lase Peroxide
 CN Lensan A
 CN Magic Bleaching
 CN Metrokur
 CN Mirasept
 CN Nite White Excel 2
 CN NSC 19892
 CN Odosat D
 CN Opalescence Xtra
 CN OxiDate
 CN Oxigenal
 CN Oxydol
 CN Oxyfull
 CN Oxysept
 CN Oxysept I
 CN Pegasyl
 CN Perhydrol
 CN Perone
 CN Peroxaan
 CN Peroxclean
 CN Quasar Brite
 CN Select Bleach
 CN Superoxol
 CN T-Stuff
 CN Whiteness HP
 CN Whitespeed
 CN Xtra White
 CN Zerosil
 DR 8007-30-5, 66554-50-5, 37355-84-3, 218625-72-0
 MF H2 O2
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOSIS, BIOTECHNO, CA,
 CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST,
 CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, ENCOMPLIT,
 ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*, HSDB*, IFICDB, IFIPAT,
 IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, PIRA, PROMT, PS, RTECS*,
 TOXCENTER, TULSA, ULIDAT, USAN, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

104871 REFERENCES IN FILE CA (1907 TO DATE)
846 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
105323 REFERENCES IN FILE CAPLUS (1907 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L8 ANSWER 8 OF 17 REGISTRY COPYRIGHT 2007 ACS on STN
RN 7681-52-9 REGISTRY
ED Entered STN: 16 Nov 1984
CN Hypochlorous acid, sodium salt (1:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Hypochlorous acid, sodium salt (8CI, 9CI)
OTHER NAMES:

CN ActiPlus N 2818
CN AD Gel
CN AgClor 310
CN Antiformin
CN Aron Clean
CN B-K Liquid
CN Belizna
CN Belkina
CN Carrel-Dakin solution
CN Chloros
CN Cloralex
CN Clorox
CN Comfor
CN Dakin's solution
CN Deosan
CN Dispatch
CN Dispatch (salt)
CN Fox-Chlor
CN Hishikurin S
CN Hyclorite
CN Hypure
CN Hypure N
CN Javel water
CN Javelle water
CN Javex
CN Klorocin
CN Linely
CN Milton
CN Modified Dakin's solution
CN Neo-cleaner
CN Neoseptal CL
CN Parazone
CN Parozone
CN Purelox
CN Purin B
CN Sodium chloride oxide (NaClO)
CN Sodium hypochloride
CN Sodium hypochlorite
CN Sodium hypochlorite (NaClO)
CN Sodium hypochlorite (NaOCl)
CN Sodium oxychloride
CN Solutions, Dakin's
CN Sunnysol 150
CN Super White L
CN Tsurukuron
CN XY 12
CN Youxiaolin
DR 8007-59-8, 56172-57-7, 102324-78-7, 227453-69-2
MF Cl H O . Na

CI COM
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOSIS, BIOTECHNO, CA,
CABA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN,
CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2,
ENCOMPAT, ENCOMPAT2, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIADB, IPA,
MEDLINE, MRCK*, MSDS-OHS, PIRA, PROMT, PS, RTECS*, TOXCENTER, TULSA,
ULIDAT, USAN, USPAT2, USPATFULL, VETU
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)
CRN (7790-92-3)

Cl-OH

● Na

****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

12320 REFERENCES IN FILE CA (1907 TO DATE)
84 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
12375 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 9 OF 17 REGISTRY COPYRIGHT 2007 ACS on STN

RN 7553-56-2 REGISTRY

ED Entered STN: 16 Nov 1984

CN Iodine (CA INDEX NAME)

OTHER NAMES:

CN Actomar

CN DentaPure DP 90

CN Diatomic iodine

CN Diiodine

CN Eranol

CN Iodel FD

CN Iodine (127I2)

CN Iodine colloidal

CN Iodine crystals

CN Iodine molecule (I2)

CN Iodine sublimed

CN Iosan Superdip

CN Jodosan

CN Molecular iodine

CN NSC 42355

CN Tegodyne

DR 8012-81-5, 8012-85-9, 8031-47-8, 24503-90-0

MF I2

CI COM

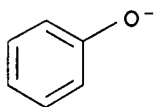
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOSIS,
BIOTECHNO, CA, CABA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX,
CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE,
ENCOMPLIT, ENCOMPLIT2, ENCOMPAT, ENCOMPAT2, GMELIN*, HSDB*, IFICDB,
IFIPAT, IFIADB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PHAR, PIRA,
PROMT, RTECS*, TOXCENTER, TULSA, ULIDAT, USAN, USPAT2, USPATFULL, VETU
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

I-I

****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

63079 REFERENCES IN FILE CA (1907 TO DATE)
3820 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
63169 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 10 OF 17 REGISTRY COPYRIGHT 2007 ACS on STN
RN 3229-70-7 REGISTRY
ED Entered STN: 16 Nov 1984
CN Phenol, ion(1-) (CA INDEX NAME)
OTHER NAMES:
CN Deprotonated phenol
CN Phenate
CN Phenol anion
CN Phenolate
CN Phenolate anion
CN Phenolate ion
CN Phenolate(1-)
CN Phenoxide
CN Phenoxide anion
CN Phenoxide ion
DR 42428-36-4
MF C6 H5 O
CI COM
LC STN Files: AGRICOLA, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS,
CASREACT, CHEMINFORMRX, CIN, EMBASE, GMELIN*, MEDLINE, PIRA, PROMT,
SPECINFO, TOXCENTER, TULSA, USPAT2, USPATFULL
(*File contains numerically searchable property data)

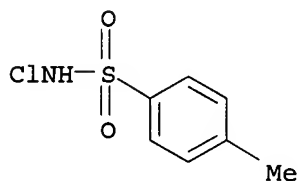


****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

679 REFERENCES IN FILE CA (1907 TO DATE)
35 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
680 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L8 ANSWER 11 OF 17 REGISTRY COPYRIGHT 2007 ACS on STN
RN 127-65-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN Benzenesulfonamide, N-chloro-4-methyl-, sodium salt (1:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Benzenesulfonamide, N-chloro-4-methyl-, sodium salt (9CI)
CN p-Toluenesulfonamide, N-chloro-, sodium salt (8CI)
OTHER NAMES:
CN Acti-chlore
CN Aktiven
CN Aktivin
CN Anexol
CN Aseptoclean
CN Berkendyl
CN Chloralone
CN Chloramine-T
CN Chlorasan
CN Chloraseptine
CN Chlorazan

CN Chlorazene
 CN Chlorazene hydrosol
 CN Chlorazone
 CN Chlorozone
 CN Chlorseptol
 CN Cloramine T
 CN Clorina
 CN Clorosan
 CN Desinfect
 CN Euclorina
 CN Gansil
 CN Gyneclorina
 CN Halamid
 CN Heliogen
 CN Kloramin
 CN Kloramine-T
 CN Mannolite
 CN Mianine
 CN Monochloramine T
 CN Multichlor
 CN N-Chloro-4-methylbenzenesulfonamide sodium salt
 CN N-Chloro-p-toluenesulfonamide sodium
 CN N-Chloro-p-toluenesulfonamide sodium salt
 CN N-Chlorotoluenesulfonamide sodium salt
 CN Sodium chloramine T
 CN Sodium N-chloro-4-methylbenzenesulfonamide
 CN Sodium N-chloro-p-toluenesulfonamide
 CN Sodium p-toluenesulfochloramide
 CN Sodium p-toluenesulfonchloramide
 CN Sodium p-toluenesulfonylchloramide
 CN Sodium tosylchloramide
 CN Tampules
 CN Tochlorine
 CN Tolamine
 CN Tosylchloramide sodium
 DR 8045-11-2, 1576-40-5, 72793-59-0, 75532-46-6
 MF C7 H8 Cl N O2 S . Na
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA,
 CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST,
 CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, GMELIN*, HSDB*, IFICDB, IFIPAT,
 IFIUIDB, IPA, MEDLINE, MRCK*, MSDS-OHS, PIRA, PROMT, RTECS*, SPECINFO,
 SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL, USPATOLD, VETU
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)
 CRN (144-86-5)



● Na

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2539 REFERENCES IN FILE CA (1907 TO DATE)
17 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2542 REFERENCES IN FILE CAPLUS (1907 TO DATE)
26 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L8 ANSWER 12 OF 17 REGISTRY COPYRIGHT 2007 ACS on STN

RN 111-30-8 REGISTRY

ED Entered STN: 16 Nov 1984

CN Pentanedial (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Glutaraldehyde (6CI, 8CI)

OTHER NAMES:

CN 1,5-Pentanedial

CN 1,5-Pentanedione

CN Aldesan

CN Aqucar 550

CN Bactron K 31

CN Banicide

CN Biocide G 30

CN Biomate 743

CN Cidex

CN Cidex 7

CN Cidex-Dialyzer

CN Cidexplus

CN Cleancide 275

CN Diglutaric aldehyde

CN Floperm 665X1

CN Glu-Cid

CN Glutaclean

CN Glutaral

CN Glutardialdehyde

CN Glutarex 28

CN Glutaric acid dialdehyde

CN Glutaric dialdehyde

CN Glutohyde

CN Hospex

CN Kcide 850

CN Maxicide Plus

CN Metricide Plus

CN NSC 13392

CN Panavirocide

CN Permachem OB 5

CN Piror 850

CN Relugan GT

CN Relugan GT 50

CN Relugan GTW

CN Sellatan CF-N

CN Sonacide

CN Sporicidin

CN Sterihyde

CN Sterihyde L

CN Sterisol S

CN Surcide G 50

CN Tret-O-Lite XC 102

CN Ucarcide 250

CN Venno-FF super

CN Wavicide 01

DR 37245-61-7, 79215-57-9, 107950-89-0

MF C5 H8 O2

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS,
BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS,
CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*,

DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, HSDB*,
IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PIRA,
PROMT, RTECS*, SPECINFO, TOXCENTER, TULSA, ULIDAT, USAN, USPAT2,
USPATFULL, VETU

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)

OHC- (CH₂)₃-CHO

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

11565 REFERENCES IN FILE CA (1907 TO DATE)

956 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

11636 REFERENCES IN FILE CAPLUS (1907 TO DATE)

86 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L8 ANSWER 13 OF 17 REGISTRY COPYRIGHT 2007 ACS on STN

RN 108-95-2 REGISTRY

ED Entered STN: 16 Nov 1984

CN Phenol (CA INDEX NAME)

OTHER NAMES:

CN Benzenol

CN Carbolic acid

CN ENT 1814

CN Hydroxybenzene

CN Monohydroxybenzene

CN Monophenol

CN NSC 36808

CN Oxybenzene

CN Phenic acid

CN Phenyl alcohol

CN Phenyl hydrate

CN Phenyl hydroxide

CN Phenylic acid

CN Phenylic alcohol

DR 8002-07-1, 14534-23-7, 50356-25-7

MF C6 H6 O

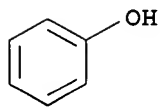
CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS,
BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS,
CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*,
DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*,
HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT,
PATDPASPC, PIRA, PROMT, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER,
TULSA, ULIDAT, USAN, USPAT2, USPATFULL, VETU

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

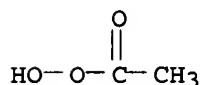


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

77580 REFERENCES IN FILE CA (1907 TO DATE)

10886 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
77781 REFERENCES IN FILE CAPLUS (1907 TO DATE)
11 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L8 ANSWER 14 OF 17 REGISTRY COPYRIGHT 2007 ACS on STN
RN 79-21-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN Ethaneperoxoic acid (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Peroxyacetic acid (8CI)
OTHER NAMES:
CN Acetic peroxide
CN Acetyl hydroperoxide
CN Desoxon 1
CN Estosteril
CN Hydroperoxide, acetyl
CN LCAP
CN Monoperacetic acid
CN Osbon AC
CN Oxigreen 010
CN Oxypel
CN Ozonit
CN Peracetic acid
CN Peresal
CN Perethanoic acid
CN Peroxoacetic acid
CN Proxitane 12A
CN Proxitane 15
CN Proxitane 1507
CN Proxitane 4002
CN Proxitane S
CN Tsunami
CN Tsunami 100
DR 89370-71-8, 232259-02-8
MF C2 H4 O3
CI COM
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, PIRA, PROMT, PS, RTECS*, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL, VETU
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4577 REFERENCES IN FILE CA (1907 TO DATE)
69 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
4590 REFERENCES IN FILE CAPLUS (1907 TO DATE)
6 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L8 ANSWER 15 OF 17 REGISTRY COPYRIGHT 2007 ACS on STN
RN 67-63-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN 2-Propanol (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Isopropyl alcohol (8CI)

OTHER NAMES:

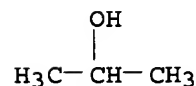
CN 1-Methylethanol
 CN 1-Methylethyl alcohol
 CN 2-Hydroxypropane
 CN 2-Propyl alcohol
 CN Alcojel
 CN Alcosolve 2
 CN Autosept
 CN Avantin
 CN Avantine
 CN Combi-Schutz
 CN Dimethylcarbinol
 CN Hartosol
 CN Imsol A
 CN IPA
 CN IPS 1
 CN IPS 1 (alcohol)
 CN iso-Propanol
 CN iso-Propyl alcohol
 CN Isohol
 CN Isopropanol
 CN Lutosol
 CN n-Propan-2-ol
 CN NSC 135801
 CN Petrohol
 CN PRO
 CN Propol
 CN sec-Propanol
 CN sec-Propyl alcohol
 CN Sterisol Hand Disinfectant
 CN Takineocol
 CN Tokuso IPA
 CN Virahol
 DR 8013-70-5
 MF C3 H8 O
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS,

BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*,
 DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*,
 HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT,
 PIRA, PROMT, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT,
 USAN, USPAT2, USPATFULL, VETU

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

58525 REFERENCES IN FILE CA (1907 TO DATE)

888 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

58699 REFERENCES IN FILE CAPLUS (1907 TO DATE)

8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 64-17-5 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Ethanol (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ethyl alcohol (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN 100C.NPA
 CN AHD 2000
 CN Alcare Hand Degermer
 CN Alcohol
 CN Alcohol anhydrous
 CN Algrain
 CN Anhydrol
 CN Anhydrol PM 4085
 CN CDA 19
 CN CDA 19-200
 CN Desinfektol EL
 CN Duplicating Fluid 100C.NPA
 CN Esumiru WK 88
 CN Ethicap
 CN Ethyl hydrate
 CN Ethyl hydroxide
 CN Germ-X
 CN Hinetoless
 CN IMS 99
 CN Infinity Pure
 CN Jaysol
 CN Jaysol S
 CN Lux
 CN Methylcarbinol
 CN Molasses alcohol
 CN NSC 85228
 CN Potato alcohol
 CN SDA 3A
 CN SDA 40-2
 CN SDA 40B
 CN Sekundasprit
 CN Sterillium Rub
 CN SY Fresh M
 CN Synasol
 CN Tecsol
 CN Tecsol C
 CN Vinic alcohol
 DR 8000-16-6, 8024-45-1, 121182-78-3
 MF C2 H6 O
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS,
 BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*,
 DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*,
 HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT,
 PIRA, PROMT, PS, RTECS*, SPECINFO, TOXCENTER, TULSA, ULIDAT, USAN,
 USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

H₃C—CH₂—OH

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

216315 REFERENCES IN FILE CA (1907 TO DATE)
1715 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
217619 REFERENCES IN FILE CAPLUS (1907 TO DATE)
11 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L8 ANSWER 17 OF 17 REGISTRY COPYRIGHT 2007 ACS on STN

RN 50-00-0 REGISTRY

ED Entered STN: 16 Nov 1984

CN Formaldehyde (CA INDEX NAME)

OTHER NAMES:

CN BFV

CN F-gen

CN Fannoform

CN Floguard 1015

CN FM 282

CN Fordor

CN Formalin

CN Formalin LM

CN Formalith

CN Formic aldehyde

CN Formol

CN Fyde

CN Lysoform

CN Methaldehyde

CN Methanal

CN Methyl aldehyde

CN Methylene oxide

CN Morbucid

CN NSC 298885

CN Optilyse

CN Oxomethane

CN Oxymethylene

CN Paraform

CN Superlysoform

DR 8005-38-7, 8006-07-3, 8013-13-6, 112068-71-0

MF C H2 O

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PIRA, PROMT, PS, RTECS*, SPECINFO, TOXCENTER, TULSA, ULIDAT, USAN, USPAT2, USPATFULL, USPATOLD, VETU

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

H₂C=O

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

75020 REFERENCES IN FILE CA (1907 TO DATE)

6909 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

75224 REFERENCES IN FILE CAPLUS (1907 TO DATE)

19 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=>

IT 51036-13-6, N-Chlorotaurine
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(activity of N-chlorotaurine against herpes simplex- and adenoviruses)

L12 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1987:434817 CAPLUS
DN 107:34817
TI Mutagenic activity of chloramines
AU Thomas, Edwin L.; Jefferson, M. Margaret; Bennett, Jeffrey J.; Learn, Douglas B.
CS Dep. Biochem., St. Jude Child. Res. Hosp., Memphis, TN, 38101, USA
SO Mutation Research, Genetic Toxicology Testing (1987), 188(1), 35-43
CODEN: MRGTE4; ISSN: 0165-1218
DT Journal
LA English
SO Mutation Research, Genetic Toxicology Testing (1987), 188(1), 35-43
CODEN: MRGTE4; ISSN: 0165-1218
AB . . . chloramines and HOCl was measured using the Salmonella typhimurium TA97a, TA100, and TA102 tester strains. Because chloramines and HOCl are **bactericidal**, react rapidly with cell components, and can destroy the histidine and biotin required for the mutagenesis assay, activity cannot be. . .
IT 7790-92-3 10599-90-3, Monochloramine 36996-97-1 51036-13-6
52316-60-6 83152-69-6 109241-52-3 109241-53-4 109241-54-5
109241-55-6 109241-56-7
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)
(mutagenicity of, in Ames test)

L12 ANSWER 12 OF 12 USPATFULL on STN
AN 93:80752 USPATFULL
TI Zwitterionic compounds and their n-halo derivatives for use in the treatment of clinical conditions
IN Bloomfield, Frederick J., Bellevue, Ireland
PA Bloomfield D.A., Oslo, Norway (non-U.S. corporation)
PI US 5248680 19930928 <--
AI US 1991-736247 19910726 (7)
PRAI IE 1990-2741 19900730
DT Utility
FS Granted
EXNAM Primary Examiner: Schenkman, Leonard
LREP Felfe & Lynch
CLMN Number of Claims: 5
ECL Exemplary Claim: 1
DRWN 1 Drawing Figure(s); 1 Drawing Page(s)
LN.CNT 784
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
PI US 5248680 19930928 <--
DETD . . . infection. Thus the enhancement of MPO in vivo by the compounds hereinbefore specified in accordance with the invention has a **bactericidal** effect due to the promotion of hypochlorous acid production.
DETD . . . in a further aspect of the invention there is provided use of a zwitterionic compound as hereinbefore specified as an **antibacterial** agent.
IT 51036-13-6P
(prepn. of and tablets contg., for inflammation inhibition)

=>

=> file inpadoc

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

| | | |
|--------------------------------------------|---------------------|-------------------|
| FULL ESTIMATED COST | ENTRY 107.55 | SESSION 254.38 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | -7.02 | -7.02 |

FILE 'INPADOCDB' ENTERED AT 12:59:18 ON 08 OCT 2007
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FILE LAST UPDATED: 4 OCT 2007 <20071004/UP>
 4 OCT 2007 <20071004/UPLS>
 MOST RECENT DOCDB WEEK: 200740 <200740/EW>
 FILE COVERS 1836 TO DATE.

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>>> FOR MORE INFORMATION SEE:
<http://www.stn-international.de/stndatabases/details/inpadocdb.html>

>>> See HELP CHANGE for new search and display capabilities
 New indented patent family format IFAM and supersearch fields
 for patent assignees (/PASS) and inventors (/INSS).
 (last changed September 5, 2007) <<<

>>> Display in DERWENT format not available yet <<<

>>> The database summary sheet is available at
http://www.stn-international.de/stndatabases/sum_sheet/INPADOCDB.pdf

>>> HELP IDT available. Description see:
http://www.stn-international.de/stndatabases/details/IdT_EPO.zip <<<

>>> HELP ICO and HELP ECLA available for the European Patent
 Classification - Updated PDF files in the following links:
http://www.stn-international.de/stndatabases/details/ico_0708.zip
http://www.stn-international.de/stndatabases/details/epc_0708.zip <<<

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 Family SDI display formats should not be used for monthly SDIs, as
 these formats are valid for the current update only <<<

=> d his full

(FILE 'HOME' ENTERED AT 12:44:13 ON 08 OCT 2007)

FILE 'REGISTRY' ENTERED AT 12:44:25 ON 08 OCT 2007

L1 0 SEA CHLORAMINE T/CN
L2 0 SEA CHLORAMIN T/CN

FILE 'USPATFULL' ENTERED AT 12:45:28 ON 08 OCT 2007

L3 1 SEA US20040022871/PN

FILE 'REGISTRY' ENTERED AT 12:45:44 ON 08 OCT 2007

FILE 'USPATFULL' ENTERED AT 12:45:51 ON 08 OCT 2007

L4 TRA L3 1-1 RN : 5 TERMS

FILE 'REGISTRY' ENTERED AT 12:46:05 ON 08 OCT 2007

L5 5 SEA L4
D L5 1-5

FILE 'ADISCTI, ADISINSIGHT, ADISNEWS, BIOSIS, BIOTECHNO, CAPLUS, DDFB, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ESBIODASE, IFIPAT, IMSDRUGNEWS, IMSPRODUCT, IPA, KOSMET, LIFESCI, MEDLINE, NAPRALERT, NLDB, NUTRACEUT, PASCAL, PCTGEN, PHARMAML, ...' ENTERED AT 12:47:32 ON 08 OCT 2007

L6 1 SEA (VIRUCIDAL AND CHEMICAL AND PHYSICAL AND DISINFECTANTS)/TI
AND PD=1993

FILE 'REGISTRY' ENTERED AT 12:48:30 ON 08 OCT 2007

FILE 'EMBASE' ENTERED AT 12:48:34 ON 08 OCT 2007

L7 TRA L6 1-1 RN : 18 TERMS

FILE 'REGISTRY' ENTERED AT 12:48:36 ON 08 OCT 2007

L8 TRAN RN L6 1-1 RAN=(ALL)

FILE 'REGISTRY' ENTERED AT 12:48:36 ON 08 OCT 2007

L8 17 SEA L7
D L8 1-17

FILE 'ADISCTI, ADISINSIGHT, ADISNEWS, BIOSIS, BIOTECHNO, CAPLUS, DDFB, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ESBIODASE, IFIPAT, IMSDRUGNEWS, IMSPRODUCT, IPA, KOSMET, LIFESCI, MEDLINE, NAPRALERT, NLDB, NUTRACEUT, PASCAL, PCTGEN, PHARMAML, ...' ENTERED AT 12:50:31 ON 08 OCT 2007

L9 188 SEA 51036-13-6/RN
L10 185 DUP REM L9 (3 DUPLICATES REMOVED)
L11 93 SEA L10 AND PD<2001
L12 12 SEA L11 AND (ANTIVIRAL OR VIRUCIDAL OR DISINFECTION OR
DISINFECTANT OR ANTIBACTERIAL OR BACTERICIDAL OR FUNGACIDAL OR
ANTIFUNGAL?)
D L12 1-12 BIB,KWIC

FILE 'INPADOCDB' ENTERED AT 12:59:18 ON 08 OCT 2007

L13 1 SEA DE19816102/PN
D L13 FAM

FILE 'CAPLUS, USPATFULL' ENTERED AT 13:00:39 ON 08 OCT 2007

D L12 BIB,AB

FILE 'INPADOCDB' ENTERED AT 13:00:39 ON 08 OCT 2007

FILE 'CAPLUS, USPATFULL' ENTERED AT 13:00:57 ON 08 OCT 2007

D L12 BIB,AB HITSTR

FILE 'INPADOCDB' ENTERED AT 13:00:58 ON 08 OCT 2007

FILE 'STNGUIDE' ENTERED AT 13:01:08 ON 08 OCT 2007

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 OCT 2007 HIGHEST RN 949564-53-8

DICTIONARY FILE UPDATES: 7 OCT 2007 HIGHEST RN 949564-53-8

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TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE USPATFULL

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 4 Oct 2007 (20071004/PD)

FILE LAST UPDATED: 4 Oct 2007 (20071004/ED)

HIGHEST GRANTED PATENT NUMBER: US7278169

HIGHEST APPLICATION PUBLICATION NUMBER: US2007234457

CA INDEXING IS CURRENT THROUGH 4 Oct 2007 (20071004/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 4 Oct 2007 (20071004/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2007

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2007

FILE ADISCTI

FILE COVERS 1998 TO 5 Oct 2007 (20071005/ED)

FILE LAST UPDATED: 5 OCT 2007 (20071005/ED)

Reloaded 23 September 2007; enter HELP RLOAD for details.

FILE ADISINSIGHT

FILE COVERS 1998 TO 4 Oct 2007 (20071004/ED)

FILE LAST UPDATED: 4 OCT 2007 (20071004/ED)

FILE ADISNEWS

FILE COVERS 1983 TO 8 Oct 2007 (20071008/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE BIOSIS

FILE COVERS 1926 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 3 October 2007 (20071003/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926 through 1968. These records have been re-indexed to match current BIOSIS indexing.

FILE BIOTECHNO

FILE LAST UPDATED: 7 JAN 2004 <20040107/UP>

FILE COVERS 1980 TO 2003.

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/CT AND BASIC INDEX <<<

FILE CAPLUS

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FILE COVERS 1907 - 8 Oct 2007 VOL 147 ISS 16

FILE LAST UPDATED: 7 Oct 2007 (20071007/ED)

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<http://www.cas.org/infopolicy.html>

FILE DDFB

>>> FILE COVERS 1964 TO 1982 - CLOSED FILE <<<

FILE DGENE

FILE LAST UPDATED: 18 SEP 2007 <20070918/UP>

DGENE CURRENTLY CONTAINS 9,303,946 BIOSEQUENCES

>>> ONLINE THESAURUS AVAILABLE IN /PACO <<<

>>> DOWNLOAD THE DGENE WORKSHOP MANUAL:

http://www.stn-international.de/training_center/bioseq/dgene_wm.pdf

>>> DOWNLOAD COMPLETE DGENE HELP AS PDF:

http://www.stn-international.de/training_center/bioseq/dgene_help.pdf <<

>>> DOWNLOAD DGENE BLAST/GETSIM FREQUENTLY ASKED QUESTIONS:

<http://www.stn-international.de/service/faq/dgenefaq.pdf> <<<

>>> New data in the DGENE file in the Keywords (/KW), Cross References (/CR) and Abstract (/AB) fields. Please see HELP CHANGE for details. <<<

FILE DISSABS

FILE COVERS 1861 TO 26 SEP 2007 (20070926/ED)

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PARTICULAR PURPOSE, AND SHALL NOT BE LIABLE FOR DAMAGES OF ANY
KIND OR LOST PROFITS OR OTHER CLAIMS RELATED TO THE LICENSED
MATERIALS OR THEIR USE.

FILE DRUGB

>>> FILE COVERS 1964 TO 1982 - CLOSED FILE <<<

FILE DRUGMONOG2

FILE IS CURRENT THROUGH 29 Aug 2007 (20070829/ED)

```
#####  
#  
#          !!! ATTENTION !!!  
#  
# Welcome to DRUGMONOG2. This file is available to all users. #  
# To access drug pricing information, use DRUGMONOG, accessible #  
# only to pharmaceutical organizations for reasons of #  
# confidentiality. #  
#  
# If you already have subscription status on any of the IMSworld#  
# files on STN and belong to a pharmaceutical organization, you #  
# should automatically have access to DRUGMONOG. If you belong #  
# to a pharmaceutical organization and would like to use #  
# DRUGMONOG, please contact your STN Help Desk. If you do not #  
# need pricing information, use DRUGMONOG2. #  
#  
# See HELP SUBSCRIPTION for more information. #  
#####
```

FILE DRUGU

FILE LAST UPDATED: 8 OCT 2007 <20071008/UP>

>>> DERWENT DRUG FILE (SUBSCRIBER) <<<

>>> FILE COVERS 1983 TO DATE <<<

>>> THESAURUS AVAILABLE IN /CT <<<

FILE EMBAL

FILE COVERS CURRENT RECORDS AND IS UPDATED DAILY

FILE LAST UPDATED: 8 Oct 2007 (20071008/ED)

FILE EMBASE

FILE COVERS 1974 TO 5 Oct 2007 (20071005/ED)

EMBASE is now updated daily. SDI frequency remains weekly (default)
and biweekly.

This file contains CAS Registry Numbers for easy and accurate
substance identification.

FILE ESBIODBASE

FILE LAST UPDATED: 8 OCT 2007 <20071008/UP>

FILE COVERS 1994 TO DATE.

>>> SIMULTANEOUS LEFT AND RIGHT TRUNCATION AVAILABLE IN
/CC, /ORGN, AND /ST <<<

FILE IFIPAT

FILE COVERS 1950 TO PATENT PUBLICATION DATE: 4 Oct 2007 (20071004/PD)

FILE LAST UPDATED: 8 Oct 2007 (20071008/ED)

HIGHEST GRANTED PATENT NUMBER: US7278169

HIGHEST APPLICATION PUBLICATION NUMBER: US2007234457

UNITERM INDEXING IS AVAILABLE IN THE IFIUDB FILE

UNITERM INDEXING LAST UPDATED: 2 Oct 2007 (20071002/UP)
INDEXING CURRENT THROUGH PAT PUB DATE: 26 May 2005 (20050526/PD)

IFIPAT reloaded on 2/25/07. Enter HELP RLOAD for details.

FILE IMSDRUGNEWS
FILE COVERS 1995 TO 5 Oct 2007 (20071005/ED)

```
#####  
#  
#          !!! ATTENTION !!!  
#  
# Welcome to IMSDRUGNEWS. This is the Drug News file from  
# IMSworld Publications.  
#  
# For detailed information regarding the printed version  
# of this file, please contact IMS HEALTH Customer Services  
# directly by phone at +44(0)20-7393-5888, or email  
# globaldirect@uk.imshealth.com.  
#  
# See HELP SUBSCRIPTION for more information.  
#####
```

This file contains CAS Registry Numbers for easy and accurate
substance identification.

The file name was changed from DRUGNL to IMSDRUGNEWS on 7 Dec. 2003.
The file name DRUGNL is now an alias for IMSDRUGNEWS.

FILE IMSPRODUCT
FILE COVERS 1982 TO 27 Sep 2007 (20070927/ED)

```
#####  
#  
#          !!! ATTENTION !!!  
#  
# Welcome to IMSPRODUCT. A special subscriber rate is  
# available to purchasers of the IMSworld publication,  
# Drug Launches.  
#  
# For detailed information regarding eligibility and  
# authorization for this subscriber discount, please contact  
# IMS HEALTH Customer Services directly by phone  
# at +44(0)20-7393-5888, or email globaldirect@uk.imshealth.com  
# See HELP SUBSCRIPTION for more information.  
#  
#####
```

The file name was changed from DRUGLAUNCH to IMSPRODUCT on 7 Dec. 2003.
The file name DRUGLAUNCH is now an alias for IMSPRODUCT.

FILE IPA
FILE COVERS 1970 TO 1 OCT 2007 (20071001/ED)

This file contains CAS Registry Numbers for easy and accurate
substance identification.

FILE KOSMET
FILE LAST UPDATED: 1 OCT 2007. <20071001/UP>
FILE COVERS 1968 TO DATE.

>>> SIMULTANEOUS LEFT AND RIGHT TRUNCATION IS AVAILABLE
IN THE BASIC INDEX (/BI) FIELD <<<

FILE LIFESCI

FILE COVERS 1978 TO 18 Sep 2007 (20070918/ED)

FILE MEDLINE

FILE LAST UPDATED: 6 Oct 2007 (20071006/UP). FILE COVERS 1950 TO DATE.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE NAPRALERT

FILE COVERS 1650 TO 8 AUG 2005 (20050808/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

The NAPRALERT File is no longer being updated. *****

FILE NLDB

FILE COVERS 1988 TO 6 Oct 2007 (20071006/ED)

FILE NUTRACEUT

FILE LAST UPDATED: 8 OCT 2007 <20071008/UP>

FILE COVERS MAY 1996 TO DATE

FILE PASCAL

FILE LAST UPDATED: 8 OCT 2007 <20071008/UP>

FILE COVERS 1977 TO DATE.

>>> SIMULTANEOUS LEFT AND RIGHT TRUNCATION IS AVAILABLE
IN THE BASIC INDEX (/BI) FIELD <<<

FILE PCTGEN

FILE LAST UPDATED: 28 SEP 2007 <20070928/UP>

MOST RECENT PCT PUB DATE: 28 SEP 2007 <20070928/PD>

PCTGEN CURRENTLY CONTAINS 5,676,943 BIOSEQUENCES

>>> DOWNLOAD THE PCTGEN WORKSHOP MANUAL:
http://www.stn-international.de/training_center/bioseq/pctgen_wm.pdf

>>> DOWNLOAD COMPLETE PCTGEN HELP AS PDF:
http://www.stn-international.de/training_center/bioseq/pctgen_help.pdf

>>> DOWNLOAD RUN BLAST/GETSIM FREQUENTLY ASKED QUESTIONS:
<http://www.stn-international.de/service/faq/dgenefaq.pdf> <<<

FILE PHARMAML

FILE LAST UPDATED: 8 OCT 2007 <20071008/UP>

FILE COVERS 1992 TO DATE

<<< DISPLAY PRICES FOR THE MOST CURRENT 4-WEEKS INFORMATION
DIFFER FROM THE PREVIOUS ONES ==> see HELP COST >>>

FILE PHIC

FILE COVERS CURRENT RECORDS AND IS UPDATED DAILY

FILE LAST UPDATED: 5 OCT 2007 (20071005/ED)

FILE PHIN

FILE COVERS 1980 TO 5 OCT 2007 (20071005/ED)

FILE SCISEARCH

FILE COVERS 1974 TO 4 Oct 2007 (20071004/ED)

SCISEARCH has been reloaded, see HELP RLOAD for details.

FILE TOXCENTER

FILE COVERS 1907 TO 2 Oct 2007 (20071002/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

The BIOSIS segment of TOXCENTER has been augmented with 13,000 records from 1946 through 1968.

The MEDLINE file segment has been updated with 2007 MeSH terms. and See HELP RLOAD for details.

TOXCENTER thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2007 vocabulary.

FILE USGENE

FILE LAST UPDATED: 8 OCT 2007 <20071008/UP>

MOST RECENT PUBLICATION DATE: 4 OCT 2007 <20071004/PD>

FILE COVERS 1982 TO DATE

>>> SIMULTANEOUS LEFT AND RIGHT TRUNCATION (SLART) IS AVAILABLE
IN THE BASIC INDEX (/BI) AND FEATURE TABLE (/FEAT) FIELDS <<<

>>> FOR THE LATEST USGENE REFERENCE MATERIALS, PLEASE VISIT:
<http://www.stn-international.com/stndatabases/details/usgene-first-p.html>

>>> DOWNLOAD RUN BLAST/GETSIM FREQUENTLY ASKED QUESTIONS:
http://www.stn-international.com/training_center/bioseq/usgenefaq.pdf

>>> DOWNLOAD COMPLETE USGENE HELP AS PDF:
http://www.stn-international.de/training_center/bioseq/USGENE_HELP.pdf <<<

FILE USPATOLD

FILE COVERS U.S. PATENTS 1790-1975
Produced using data provided by Univentio.

This database was created using Optical Character Recognition (OCR) technology. For this reason, some characters may be missing or mistranslated. In order to improve searchability and retrieval, CA indexing information has been added to the Title, Inventor, and Patent Assignee fields where possible. Please see HELP CASDATA for more information on the availability of CAS indexing in this database.

FILE USPAT2

FILE COVERS 2001 TO PUBLICATION DATE: 4 Oct 2007 (20071004/PD)
FILE LAST UPDATED: 4 Oct 2007 (20071004/ED)
HIGHEST GRANTED PATENT NUMBER: US2007170055
HIGHEST APPLICATION PUBLICATION NUMBER: US2007234448
CA INDEXING IS CURRENT THROUGH 4 Oct 2007 (20071004/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 4 Oct 2007 (20071004/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2007
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2007

FILE INPADOCDB

FILE LAST UPDATED: 4 OCT 2007 <20071004/UP>

4 OCT 2007 <20071004/UPLS>
MOST RECENT DOCDB WEEK: 200740 <200740/EW>
FILE COVERS 1836 TO DATE.

>>> YOU ARE IN THE NEW INPADOCDB FILE WHICH REPLACES INPADOC
See NEWS <<<

>>> FOR PRICE INFORMATION ENTER HELP COST <<<

>>> FOR MORE INFORMATION SEE:
<http://www.stn-international.de/stndatabases/details/inpadocdb.html>

>>> See HELP CHANGE for new search and display capabilities
New indented patent family format IFAM and supersearch fields
for patent assignees (/PASS) and inventors (/INSS).
(last changed September 5, 2007) <<<

>>> Display in DERWENT format not available yet <<<

>>> The database summary sheet is available at
http://www.stn-international.de/stndatabases/sum_sheet/INPADOCDB.pdf

>>> HELP IDT available. Description see:
http://www.stn-international.de/stndatabases/details/IdT_EPO.zip <<<

>>> HELP ICO and HELP ECLA available for the European Patent
Classification - Updated PDF files in the following links:
http://www.stn-international.de/stndatabases/details/ico_0708.zip
http://www.stn-international.de/stndatabases/details/epc_0708.zip <<<

>>> NEW SDI frequency MONTHLY available now - SEE NEWS.
Family SDI display formats should not be used for monthly SDIs, as
these formats are valid for the current update only <<<

FILE STNGUIDE
FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Oct 5, 2007 (20071005/UP).

=> log off

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

STN INTERNATIONAL LOGOFF AT 13:02:26 ON 08 OCT 2007

L12 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2000:618660 CAPLUS
 DN 133:290708
 TI **Bactericidal** activity of micromolar N-chlorotaurine: evidence
 for its antimicrobial function in the human defense system
 AU Nagl, Markus; Hess, Michael W.; Pfaller, Kristian; Hengster, Paul;
 Gottardi, Waldemar
 CS Institute of Hygiene and Social Medicine, Leopold-Franzens-University of
 Innsbruck, Innsbruck, A-6010, Austria
 SO Antimicrobial Agents and Chemotherapy (2000), 44(9), 2507-2513
 CODEN: AMACCQ; ISSN: 0066-4804
 PB American Society for Microbiology
 DT Journal
 LA English
 AB N-Chlorotaurine, the main representative of long-lived oxidants found in
 the supernatant of stimulated granulocytes, has been investigated
 systematically with regard to its **antibacterial** activity at
 different physiol. concns. for the first time. N-Chlorotaurine (12.5 to
 50 µM) demonstrated a **bactericidal** effect i.e., a 2 to 4
 log₁₀ reduction in viable counts, after incubation at 37 for 6 to 9 h at pH
 7.0, which effect was significantly enhanced in an acidic milieu (at pH
 5.0), with a 3 to 4 log₁₀ reduction after 2 to 3 h. Moreover, bacteria were
 attenuated after being incubated in N-chlorotaurine for a sublethal time,
 as demonstrated with the mouse peritonitis model. The supernatant of
 stimulated granulocytes exhibited similar activity. TEM revealed changes
 in the bacterial cell membrane and cytoplasmic disintegration with both
 reacting systems, even in the case of a mere attenuation. The results of
 this study suggest a significant **bactericidal** function of
 N-chlorotaurine and other chloramines during inflammation.
 IT 51036-13-6, N-Chlorotaurine
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological
 study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES
 (Uses)
 (bactericidal activity of micromolar N-chlorotaurine:
 evidence for its antimicrobial function in the human defense system)
 RN 51036-13-6 CAPLUS
 CN Ethanesulfonic acid, 2-(chloroamino)- (CA INDEX NAME)

ClNH-CH₂-CH₂-SO₃H

RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>